



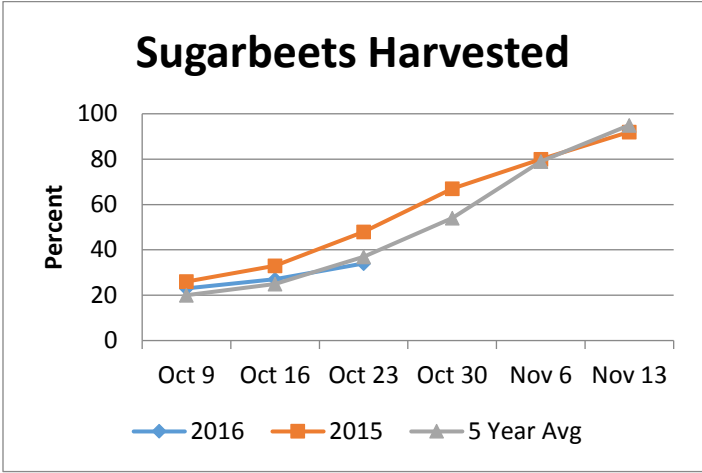
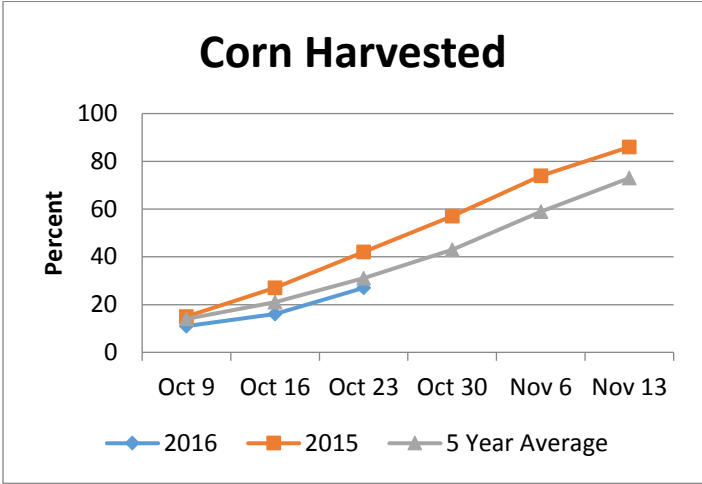
Michigan Crop Weather

Field Crops

There were 4.9 days suitable for fieldwork in Michigan during the week ending October 23, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. For much of the State, fieldwork was delayed at the beginning of the week, as fields needed time to dry from the previous week’s rainfall. By mid-week, field activities resumed in haste, although ground conditions were not ideal in all areas. Scattered showers continued throughout the week, hindering fieldwork at times. **Soybean** harvest was in full swing with **winter wheat** planting following closely behind. **Wheat** stands continued to come in well. **Grain corn** harvest also picked up this week, although some producers were delayed by recent rains that prevented sufficient dry-down. **Dry bean** harvest was also slightly behind schedule, as a result of plants retaining moisture from the wet weather. **Sugarbeet** harvest continued, and with long term piling beginning October 24, harvest should steadily advance if temperatures remain cool. **Hay** cutting also progressed, when dry weather allowed.

Fruit

Apple harvest was wrapping up in southern counties with the picking of Fuji, Northern Spy, Crispin, and Idared. In the east, some blocks of Braeburn, Enterprise, and Autumn Gala were ready for harvest, but Winesap was still immature. In the west central region, the start of Fuji harvest has meant the end of apple picking season is in sight; preliminary yield and quality reports continued to be very good. In the northwest, growers were still picking late season varieties, but progress was slowed by rains early in the week; no freeze events have been reported in the northwest to date. **Grape** and **cranberry** harvests continued. This will be with final fruit report for 2016.



Crop Condition: Week Ending 10/23/16

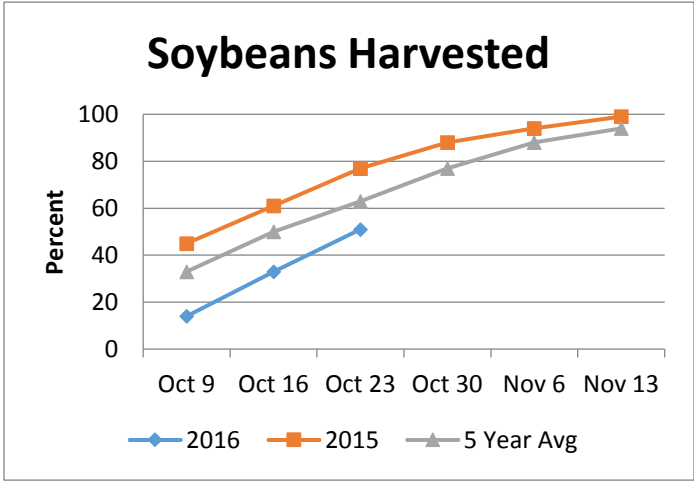
Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	3	7	25	47	18
Soybeans	1	6	21	51	21
Winter Wheat	1	3	20	59	17
Sugarbeets	2	6	20	57	15
Range and Pasture	3	9	29	44	15

Crop Progress: Week Ending 10/23/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	4.9	4.5	-	-
Corn Mature	95	89	95	92
Corn Harvested for Grain	27	16	42	31
Corn Harvested for Silage	92	90	99	NA
Soybeans Dropping Leaves ...	97	94	100	100
Soybeans Harvested	51	33	77	63
Winter Wheat Planted.....	73	56	86	81
Winter Wheat Emerged	52	33	62	53
Dry Beans Harvested.....	88	83	94	93
Alfalfa Hay 3rd Cutting.....	95	92	100	NA
Alfalfa Hay 4th Cutting	64	60	62	NA
Other Hay 3rd Cutting	84	81	94	NA
Other Hay 4th Cutting	33	29	27	NA
Sugarbeets Harvested	34	27	48	37

Soil Moisture: Week Ending 10/23/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	0	3	67	30
Subsoil moisture.....	1	5	74	20



LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - October 23, 2016												
STATION	TEMPERATURE				PRECIPITATION 4IN			PRECIPITATION			GDD BASE 50F	
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	HI	LO	AVG	DFN	TOTAL	DAYS	TEMP	TOTAL	DFN	DYS	TOTAL	DFN
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10 Western UP												
Clarksburg	62	25	44	-1	1.52	4		24.24	+5.10	93	1649	-90
Hancock_Houghto	59	28	45	+3	0.81	4		23.32	+5.39	84	1984	+430
Ironwood_Ag	65	35	46	+4	0.96	3		33.96	+10.66	101	1939	+361
Marquette_Ag	67	35	50	+5	2.63	4		25.90	+6.76	94	2056	+317
Menominee_AP	76	31	51	+5	0.56	3		16.61	-4.94	107	2511	+249
Norway	68	26	48	+5	2.07	2		22.50	+0.62	87	2304	+403
Paulding	65	26	44	+2	1.48	4		28.96	+7.47	102	1767	+246
Stambaugh	68	24	45	+5	3.62	3		29.03	+6.28	99	1719	+392
10 Eastern UP												
Chatham_Exp_Far	63	28	47	+3	4.34	5		27.98	+7.30	110	2030	+389
Garden_Corners	66	28	48	+1	1.67	4		22.66	+3.47	85	2027	+162
Manistique_WWTP	66	32	49	+6	1.61	3		25.87	+6.33	71	1912	+479
Moran	70	30	49	+3	2.13	2		23.27	+5.73	71	2000	+151
Newberry_City	68	29	47	+3	2.47	3		26.85	+6.71	101	1916	+224
Rudyard_4N	66	32	47	+6	2.16	2		20.35	-0.07	78	1735	+319
Sault_Ste_Marie	69	35	50	+7	1.64	2		22.20	+1.35	80	2327	+912
20 Northwest LP												
Antrim_Co_Arpt	75	33	52	+7	0.37	4		11.70	-7.92	100	2569	+751
Beulah_7SSW	76	37	55	+7	0.32	5		20.06	-1.49	86	2726	+575
Cadillac_WWTP	72	33	53	+9	0.16	5		20.72	-1.15	93	2522	+758
East_Jordan_2NW	68	37	51	+4	0.82	4		21.30	+0.17	73	2426	+424
Kalkaska_Ag	73	27	51	+7	0.55	3		18.37	-2.91	74	2353	+645
Lake_City_Exp_F	71	33	52	+8	0.17	3		21.20	+0.21	88	2330	+569
NW_Michigan_Res	76	42	56	+11	0.12	4	58	16.54	-3.08	76	2771	+953
Pellston_Regnl	73	30	49	+4	0.66	3		18.84	+0.64	81	2294	+599
Traverse_City_M	75	41	55	+8	0.70	4		19.16	-1.52	81	2610	+434
30 Northeast LP												
Alpena_Co_Regio	75	36	53	+9	0.15	3		15.76	-2.93	76	2609	+919
Atlanta_5WNW	71	36	51	+6	0.28	2		17.77	+0.40	65	2145	+247
Hale_5SSW	75	34	52	+7	0.02	1		20.65	+0.89	58	2317	+426
Mio_WWTP	73	33	53	+9	0.47	1		17.95	-0.16	79	2396	+491
Rogers_City_NO2	69	39	52	+7	1.17	3		16.66	-2.27	54	2414	+624
Vanderbilt	71	31	49	+7	0.55	2		19.16	-1.02	66	2000	+477
West_Branch	75	32	53	+8	0.36	2		21.33	+0.65	79	2481	+463
40 West Central LP												
Fremont_4WSW	75	36	56	+10	0.12	2		23.68	+2.14	69	2893	+859
Hart_3WSW	75	33	55	+9	0.12	2		23.86	+1.24	84	2706	+579
Ludington_Mason	76	31	53	+5	0.28	5		15.52	-6.09	99	2479	+248
Muskegon_Co_AP	77	36	56	+8	0.02	1		25.36	+5.25	75	3129	+825
50 Central LP												
Alma_Ag	76	40	57	+10	0.27	1		22.65	+1.33	74	2883	+514
Big_Rapids_WTR	73	32	54	+8	0.15	2		24.09	+1.69	84	2477	+301
Gladwin	76	33	55	+10	0.37	1		21.33	+0.70	72	2699	+620
Mount_Pleasant	77	34	56	+9	0.03	1		14.44	-6.90	96	2928	+588
Oil_City_3E	75	30	54	+4	0.06	1		21.88	+1.26	80	2434	-303
Reed_City_WWTP	75	33	55	+11	0.15	4		24.10	+2.19	92	2665	+774
60 East Central LP												
Auburn_2NE	78	33	56	+6	0.25	1		21.54	+0.92	76	2777	+40
Bad_Axe_Ag	77	39	56	+9	0.26	3		18.36	-2.56	78	2778	+668
Saginaw_NO3	77	37	57	+7	0.31	1		22.33	+1.02	70	3090	+289
Sandusky	76	34	55	+7	0.26	2		21.57	+2.36	73	2862	+516
Vassar	80	37	57	+9	0.43	1		20.28	-1.09	65	2739	+286
70 Southwest LP												
Benton_Harbor_A	81	39	59	+9	0.67	4		24.39	+0.59	82	3304	+786
Bloomington	81	33	56	+8	1.22	3		28.80	+4.05	74	2967	+569
Dowagiac	79	41	57	+9	0.95	2		29.83	+4.60	76	3067	+512
East_Grand_Rapi	75	35	55	+7	0.62	2		27.87	+3.70	77	2873	+338
Kalamazoo_Intl	79	37	58	+7	0.84	3		29.20	+4.53	79	3343	+427
Kent_City	74	34	54	+6	0.08	2		27.32	+7.21	79	2658	+354
80 South Central LP												
Battle_Creek_5N	78	40	58	+10	0.06	2		24.36	+0.97	84	3130	+610
Charlotte_WWTP	77	36	56	+9	0.46	2		26.57	+4.06	82	2859	+478
Coldwater_Branc	80	38	58	+10	0.78	3		17.23	-6.68	90	3178	+724
Hastings	78	36	56	+9	0.72	2		31.98	+8.54	84	2880	+472
Hillsdale_Ag	78	36	56	+9	2.28	3		26.03	+1.49	81	2951	+582
Lansing	77	35	58	+11	0.59	2		22.67	+1.96	76	3201	+828
Owosso_WWTP	77	39	57	+10	0.65	2		24.40	+3.93	77	2940	+638
Three_Rivers_Ag	79	37	57	+9	1.05	3		29.37	+4.91	77	2999	+500
90 Southeast LP												
Burton	78	33	56	+9	0.82	3		21.88	+0.83	88	2730	+352
Farmington	80	36	56	+6	1.30	3		21.02	-0.10	74	2977	+47
Grosse_Pte_Farm	78	38	58	+7	1.54	4		22.31	+0.34	64	3180	+260
Lapeer_WWTP	79	38	57	+10	1.47	3		21.77	+0.68	71	2943	+683
Newport_4SSE	80	36	57	+5	0.99	4		20.33	-1.75	79	3292	+210
Richmond_4NNW	80	39	57	+8	1.05	3		22.25	+1.81	66	3012	+431
Saline_WWTP	82	28	56	+6	1.76	3		21.36	-0.42	77	2997	+222
Tipton	81	33	55	+7	1.79	3		24.26	+1.61	72	3001	+426
Whitmore_Lake	79	36	56	+8	1.18	3		21.99	+3.14	69	2820	+353
Yale	78	37	56	+8	0.78	3		20.67	+1.46	65	2679	+333